

**EFFICIENCY THERMOELECTRICS UTILIZING CONVECTIVE
HEAT FLOW**

Abstract of the Disclosure

An improved efficiency thermoelectric system is disclosed wherein convection is actively facilitated through a thermoelectric array. Thermoelectrics are commonly used for cooling and heating applications. Thermal power is convected through a thermoelectric array toward at least one side of the thermoelectric array, which leads to increased efficiency. Several different configurations are disclosed to provide convective thermal power transport, using a convective medium. In addition, a control system is disclosed which responds to one or more inputs to make adjustments to the thermoelectric system.

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